

**LISTING OF CLAIMS:**

1-64. (canceled)

65. (currently amended) A purified HIV-1 virus,  
wherein said virus encodes an HIV-1<sub>EL1</sub> variant Env protein having ~~an amino-acid sequence comprising amino acid residues that are not present in the amino-acid sequence of HIV-1<sub>BRU</sub> or HIV-1<sub>ARV-2</sub> Env proteins,~~

~~wherein said the following amino acid residues: are~~

~~S<sup>63</sup>, E<sup>65</sup>, I<sup>71</sup>, I<sup>87</sup>, E<sup>90</sup>, D<sup>245</sup>, K<sup>247</sup>, and E<sup>526</sup>,~~

wherein said amino acid residues are set forth as described in Figures 3E and 3F.

66. (currently amended) The purified virus of claim 65,

wherein said HIV-1<sub>EL1</sub> variant Env protein has the following amino acid residues:  
are

~~S<sup>63</sup>, E<sup>65</sup>, I<sup>71</sup>, I<sup>87</sup>, A/E<sup>88</sup>, E<sup>90</sup>, D<sup>245</sup>, K<sup>247</sup>, I/M<sup>286</sup>, Q/R<sup>509</sup>, E<sup>526</sup>, and K/Q<sup>697</sup>,~~

wherein said amino acid residues are set forth as described in Figures 3E and 3F.

67. (currently amended) The purified virus of claim 65,

wherein said HIV-1<sub>EL1</sub> variant Env protein has the following amino acid residues:  
are

~~S<sup>63</sup>, E<sup>65</sup>, A<sup>68</sup>, I<sup>71</sup>, I<sup>87</sup>, A/E<sup>88</sup>, E<sup>90</sup>, A<sup>215</sup>, R<sup>244</sup>, D<sup>245</sup>, K<sup>247</sup>, I/M<sup>286</sup>, Q/R<sup>509</sup>, R<sup>519</sup>, E<sup>526</sup>,~~

and K/Q<sup>697</sup>,

wherein said amino acid residues are set forth as described in Figures 3E and 3F.

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